

Dipping and Coating Operations (Dip Tanks)

WAC 296-835-140

Definitions

ACGIH:

American Conference of Governmental Industrial Hygienists.

Adjacent area:

Any area within 20 feet (6.1 m) of a vapor area that isn't separated from the vapor area by tight partitions.

ANSI:

American National Standards Institute.

Approved:

Approved or listed by a nationally recognized testing laboratory. Refer to federal regulation 29 CFR 1910.7, for definition of nationally recognized testing laboratory.

Autoignition temperature:

The minimum temperature required to cause self-sustained combustion without any other source of heat.

Combustible liquid:

A liquid having a flashpoint of at least 100°F (37.8°C) and below 200°F (93.3°C). Mixtures with at least 99% of their components having flashpoints of 200°F (93.3°C) or higher aren't considered combustible liquids.

Detearing:

A process for removing excess wet coating material from the bottom edge of a dipped or coated object or material by passing it through an electrostatic field.

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Dip tank:

A container holding a liquid other than plain water that is used for dipping or coating. An object may be immersed (or partially immersed) in a dip tank or it may be suspended in a vapor coming from the tank.

Flammable liquid:

Any liquid having a flashpoint below 100°F (37.8°C), except any mixture having components with flashpoints of 100°F (37.8°C) or higher, the total of which make up 99% or more of the total volume of the mixture.

Flashpoint:

The minimum temperature at which a liquid gives off a vapor in sufficient concentration to ignite when tested by any of the measurement methods described in the definition of flashpoint in the Safety and Health Core Rules, WAC 296-800-370.

Lower flammable limit (LFL):

The lowest concentration of a material that will propagate a flame. The LFL is usually expressed as a percent by volume of the material in air (or other oxidant).

NFPA:

National Fire Protection Association.

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Vapor area:

Any area in the vicinity of dip tanks, their drain boards or associated drying, conveying, or other equipment where the vapor concentration could exceed 25% of the lower flammable limit (LFL) for the liquid in the tank.

You:

Means the employer. See the definition of employer in the Safety and Health Core Rules, WAC 296-800-370.

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Notes